

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	15	(US-20040008952-\$).did. or (US-6560038-\$ or US-6610563-\$ or US-6547416-\$ or US-6058271-\$ or US-4915479-\$ or US-3875456-\$ or US-4010483-\$ or US-6511196-\$ or US-6593598-\$ or US-5939996-\$ or US-6644841-\$ or US-4975814-\$ or US-5799126-\$ or US-6850001-\$). did.	US-PGPUB; USPAT	OR	ON	2006/09/11 12:18
L30	7428209	@pd<"20021029" or @ad<"20021029"	USPAT	OR	ON	2006/09/11 12:25
L31	285	parabol\$5 near5 reflect\$3 and "385".clas. and L30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/11 12:26
S1	2	("20040008952" "6610563").PN.	US-PGPUB; USPAT	OR	ON	2006/09/07 15:53
S2	1	("2004/0008952").URPN.	USPAT	OR	ON	2006/09/07 20:14
S3	7428209	@pd<"20021029" or @ad<"20021029"	USPAT	OR	ON	2006/09/07 20:16
S4	3443	(light near2 diode or "LED" or light near2 semiconducto) and reflect\$3 and parab\$7 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 21:38
S5	3	sub near2 mount and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 20:18
S6	23	("20030159280" "20030159772" "2 0030159844" "20030161133" "2003 0174454" "4647331" "4945400" "50 28110" "5349234" "5434939" "5645 977" "5660461" "5675678" "573746 7" "5795519" "5987202" "5993075"  "6004046" "6070315" "6504107" " 6646777" "6647039" "6653557"). PN.	US-PGPUB; USPAT	OR	ON	2006/09/10 12:32

## EAST Search History

S7	561	S4 and "362".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 20:31
S8	127	S7 and chip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 20:31
S9	36	S7 and (solid near3 reflect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 20:46
S10	599	(362/555).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 16:22
S11	30	S10 and parab\$7 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 20:47
S12	3274	S4 and S3 not (S11 S9 S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 21:18
S13	1944	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/07 21:17
S14	1177	S13 and S3 not (S11 S9 S8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23
S15	6	("20020175621"   "5998925"   "6340824").PN. OR ("6850001"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 21:31

## EAST Search History

S16	120	S10 and S3 not (S11 S9 S8 S13)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 21:36
S17	3197	S4 and S3 not (S11 S9 S8 S13 S10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:32
S18	315	S17 and "362".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/07 21:39
S19	1361	"385".clas. and @pd>"20060301"	USPAT	OR	ON	2006/09/08 10:07
S20	470	"385".clas. and @pd>"20060701"	USPAT	OR	ON	2006/09/08 10:07
S21	7428209	@pd<"20021029" or @ad<"20021029"	USPAT	OR	ON	2006/09/08 16:23
S22	3443	(light near2 diode or "LED" or light near2 semiconducto) and reflect\$3 and parab\$7 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23
S23	561	S22 and "362".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23
S24	127	S23 and chip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23
S25	36	S23 and (solid near3 reflect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23

## EAST Search History

S26	599	(362/555).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 16:23
S27	30	S26 and parab\$7 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:23
S28	180	S26 and S21 not (S27 S25 S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:26
S29	312	(362/581-582).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 16:26
S30	1944	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 16:27
S31	1	S29 and S30 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 16:27
S32	2636	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 16:27
S33	873	S32 and S21 not (S22 S27 S25 S24 S30 S26)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 17:17

## EAST Search History

S34	538	(385/146).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2006/09/08 17:17
S35	263	S34 and S21 not (S32 S22 S27 S25 S24 S30 S26)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/08 17:18
S36	21	("2589569"   "3901581"   "4240692"   "4382656"   "4915479"   "4978186"   "5093890"   "5359691"   "5462700"   "5475571").PN. OR ("5799126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/10 12:12
S37	21	("2589569"   "3901581"   "4240692"   "4382656"   "4915479"   "4978186"   "5093890"   "5359691"   "5462700"   "5475571").PN. OR ("5799126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/10 12:12
S38	15780	"23" and "362".clas.	US-PGPUB; USPAT	OR	ON	2006/09/10 12:33
S39	23	("20030159280" "20030159772" "20030159844" "20030161133" "20030174454" "4647331" "4945400" "5028110" "5349234" "5434939" "5645977" "5660461" "5675678" "5737467" "5795519" "5987202" "5993075" "6004046" "6070315" "6504107" "6646777" "6647039" "6653557").PN.	US-PGPUB; USPAT	OR	ON	2006/09/10 12:33
S40	1	S39 and "362".clas.	US-PGPUB; USPAT	OR	ON	2006/09/10 12:33
S41	7428209	@pd<"20021029" or @ad<"20021029"	USPAT	OR	ON	2006/09/10 12:34
S42	781	"362".clas. and "385".clas. and S41	US-PGPUB; USPAT	OR	ON	2006/09/10 12:34
S43	153	S42 and light near2 diode	US-PGPUB; USPAT	OR	ON	2006/09/10 12:35
S44	139	S43 and reflect\$3	US-PGPUB; USPAT	OR	ON	2006/09/10 12:35

## EAST Search History

S45	29	S44 and parab\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2006/09/10 12:35
-----	----	------------------	--	----	----	------------------